

STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 6
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 16,20
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 16 and Asp at position 20 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 29
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-63

Query Match 27.8%; Score 27; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 12 HLNSK 16

RESULT 103
US-08-248-505-4
Sequence 4, Application US/08248505
Patent No. 5587288
GENERAL INFORMATION:
APPLICANT: CHEUNG, Ambrose
APPLICANT: FISHELL, Vincent A
TITLE OF INVENTION: REGULATION OF EXOPROTEIN IN
TITLE OF INVENTION: STAPHYLOCOCCUS AUREUS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/248,505
FILING DATE: 24-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 016921-018
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-248-505-4

Query Match 27.8%; Score 27; DB 1; Length 30;

Best Local Similarity 83.3%; Pred. No. 6.4e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 HLNSK 8
Db 16 HLNSK 21
RESULT 104
US-09-228-990-52
Sequence 52, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18,22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 30
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-52

Query Match 27.8%; Score 27; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8

RESULT 106
US-09-228-990-3
; Sequence 3, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3c43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2"
; US-09-228-990-3
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e-02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
Db 14 HLNSK 18

RESULT 107
US-09-228-990-4
; Sequence 4, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3c43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 7
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 17..21
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 17 and Asp at position 21 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 30
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2"
; US-09-228-990-64
Query Match 27.8%; Score 27; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
Db 13 HLNSK 17

;; GENERAL INFORMATION:
;; APPLICANT: Condon, Stephen M.
;; APPLICANT: Morize, Isabelle
;; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
;; NUMBER OF SEQUENCES: 88
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Rhone-Poulenc Rorer Inc.
;; STREET: 500 Arcola Road, Mailstop 3C43
;; CITY: Collegeville
;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19426
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/228,990
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/046,472
;; FILING DATE: 14-MAY-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Martin Esq., Michael B.
;; REGISTRATION NUMBER: 37,521
;; REFERENCE/DOCKET NUMBER: A2678B-WO
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (610) 454-2793
;; TELEFAX: (610) 454-3808
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 31 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: not relevant
;; MOLECULE TYPE: peptide
;; FRAGMENT TYPE: N-terminal
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 8
;; OTHER INFORMATION: /product= "Nle"
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 31
;; OTHER INFORMATION: /product= "OTHER"
;; OTHER INFORMATION: /note= "This sequence has an amide C-terminus (i.e., CONH2)."
;; OTHER INFORMATION: /note= "This sequence has an amide C-terminus (i.e., COOH)."
;; US-09-228-990-4
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
Db 14 HLNSK 18
RESULT 108
US-09-228-990-5
; Sequence 5, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville

;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19426
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/228,990
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/046,472
;; FILING DATE: 14-MAY-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Martin Esq., Michael B.
;; REGISTRATION NUMBER: 37,521
;; REFERENCE/DOCKET NUMBER: A2678B-WO
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (610) 454-2793
;; TELEFAX: (610) 454-3808
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 31 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: not relevant
;; MOLECULE TYPE: peptide
;; FRAGMENT TYPE: N-terminal
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 8
;; OTHER INFORMATION: /product= "Nle"
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 18,22
;; OTHER INFORMATION: /product= "OTHER"
;; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
;; OTHER INFORMATION:
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 31
;; OTHER INFORMATION: /product= "OTHER"
;; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
;; US-09-228-990-5
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
Db 14 HLNSK 18
RESULT 109
US-09-228-990-6
; Sequence 6, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond. "
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-7
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 111
US-09-228-990-8
Sequence 8, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond. "
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-6
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 110
US-09-228-990-7
Sequence 7, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
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; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-8
;
; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 4 HLNSK 8
; Db 14 HLNSK 18
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; RESULT 112
; US-09-228-990-9
; Sequence 9, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:

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; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-9
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; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 4 HLNSK 8
; Db 14 HLNSK 18
;
; RESULT 113
; US-09-228-990-10
; Sequence 10, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:

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TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond. "
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."

US-09-228-990-10

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
DB 14 HNSK 18

RESULT 114

US-09-228-990-11
Sequence 11, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A26788-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:

LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond. "
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."

US-09-228-990-11

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
DB 14 HNSK 18

RESULT 115

US-09-228-990-12
Sequence 12, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A26788-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant

```

; MOLECULE TYPE: Peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "OTHER"
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-12

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HNSK 8
Db 14 HNSK 18

RESULT 116
US-09-228-990-13
; Sequence 13, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide

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```

; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-13

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HNSK 8
Db 14 HNSK 18

RESULT 117
US-09-228-990-14
; Sequence 14, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide

```

```

; LOCATION: 18..22
; OTHER INFORMATION: /product="OTHER"
; OTHER INFORMATION: /note="The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:

```

```

; LOCATION: 31 /product= "OTHER"
; OTHER INFORMATION:
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-238-990-14

```

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Caps 0;

Qy 4 HLNSK 8
db 14 HLNSK 18

```

; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
;
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "the said"
; OTHER INFORMATION: position 22 are
;

```

```

; LOCATION: 18..22
; OTHER INFORMATION: /product="OTHER"
; OTHER INFORMATION: /note="The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; OTHER INFORMATION:

```

```

;
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid
US-09-228-990-15

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```

LOCATION: 1
;
OTHER INFORMATION: /product= "OTHER"
;
OTHER INFORMATION: /note= "this C-terminal amino acid is an amide, i.e., CONH2.
US-09-228-990-15

```

Query Match	27.8%;	Score 27;	DB 4;	Length 31;
Best Local Similarity	100.0%;	Pred. No. 6.6e+02;		
Matches	5;	Conservative	0;	Mismatches 0;
				Indels

Qy 4 HNSK 8
pb 14 HNSK 18

```
1 /product="OTHER"
2 /note="The side
3 position 22 are i
4 FEATURE:
5   NAME/KEY: Peptide
6   LOCATION: 31
7   OTHER INFORMATION:
8 /product="OTHER"
```

```

1 LOCATION: 18:22
2
3 OTHER INFORMATION: /product= "OTHER"
4
5 OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
6
7 OTHER INFORMATION: position 22 are linked by an amide bond."
8
9 OTHER INFORMATION:
10
11
12

```


OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-20

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 120

US-09-228-990-21
; Sequence 21, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION:
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-21

Query Match

27.8%; Score 27; DB 4; Length 31;

Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 121

US-09-228-990-22
; Sequence 22, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION:
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-22

Query Match

27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8

RESULT 123
US-09-228-990-24
; Sequence 24, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-24
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 124
US-09-228-990-25
; Sequence 25, Application US/09228990
; Patent No. 6472505

Db 14 HLNSK 18
RESULT 122
US-09-228-990-23
; Sequence 23, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-23
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18

```

; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18-22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-25
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 125
US-09-228-990-26
; Sequence 26, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS

```

```

; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18-22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-26
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 126
US-09-228-990-27
; Sequence 27, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43

```

CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "the side chains of
OTHER INFORMATION: position 22 are linked by a
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal ami
US-09-228-990-27

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Query Match      27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels

QY      4 HLNKSK 8
        |||||
Db      14 HLNKSK 18

RESULT 127
US-09-228-990-28
; Sequence 28, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael E.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CON
US-09-228-990-28

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
Db 14 HLNSK 18

RESULT 128
US-09-228-990-29
; Sequence 29, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2. "
; US-09-228-990-29
;
; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 4 HLNSK 8
; DB 14 HLNSK 18
;
; RESULT 129
; US-09-228-990-30
; Sequence 30, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3043
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond. "
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2. "
; US-09-228-990-30
;
; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 4 HLNSK 8
; DB 14 HLNSK 18
;
; RESULT 130
; US-09-228-990-31
; Sequence 31, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3043
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "Xaa in position 1 is D-Proline."
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-36
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 132
US-09-228-990-37
Sequence 37, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808

TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-31
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 HLNSK 8
DB 14 HLNSK 18
RESULT 131
US-09-228-990-36
Sequence 36, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 36:

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; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 3
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 3 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-37
;
; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 4 HLNSK 8
; Db 14 HLNSK 18
;
; RESULT 133
; US-09-228-990-38
; Sequence 38, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
```

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; TELFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 6
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 6 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-38
;
; Query Match 27.8%; Score 27; DB 4; Length 31;
; Best Local Similarity 100.0%; Pred. No. 6.6e+02;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 4 HLNSK 8
; Db 14 HLNSK 18
;
; RESULT 134
; US-09-228-990-39
; Sequence 39, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
```

TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 7
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The Xaa in position 7 is D-Proline."
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-39

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
|||
Db 14 HNSK 18

RESULT 135
US-09-228-990-40
; Sequence 40, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO

TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 9
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The Xaa in position 9 is D-Proline."
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-40

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
|||
Db 14 HNSK 18

RESULT 136
US-09-228-990-41
; Sequence 41, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521


```

; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 10
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 10 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-41

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Query Match 27.8% Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 4 HLNSK 8
Db 14 HLNSK 18

```

```

RESULT 137
US-09-228-990-50
; Sequence 50, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.

```

```

; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Glu at
; position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
; US-09-228-990-50

```

```

Query Match 27.8% Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 4 HLNSK 8
Db 14 HLNSK 18

```

```

RESULT 138
US-09-228-990-74
; Sequence 74, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793

```

TELEPHONE: (610) 454-3808
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 8
OTHER INFORMATION: /product= "Nle"
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chain of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 26..30
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chain of Lys at position 26 and Asp at position 30 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-74

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 139
US-09-228-990-81
Sequence 81, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO

TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Peptide
LOCATION: 18..22
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at position 22 are linked by an amide bond."
FEATURE:
NAME/KEY: Peptide
LOCATION: 31
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-81

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 140
US-09-228-990-82
Sequence 82, Application US/09228990
Patent No. 6472505
GENERAL INFORMATION:
APPLICANT: Condon, Stephen M.
APPLICANT: Morize, Isabelle
TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/228,990
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,472
FILING DATE: 14-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Martin Esq., Michael B.
REGISTRATION NUMBER: 37,521
REFERENCE/DOCKET NUMBER: A2678B-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-2793
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:

```

;
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 2
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 2 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-82

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 141
US-09-228-990-83
; Sequence 83, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid

```

```

;
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 4
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 4 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-83

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 142
US-09-228-990-84
; Sequence 84, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids

```

```

;
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 5
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 5 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
;
US-09-228-990-84
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
DB 14 HNSK 18

RESULT 143
US-09-228-990-85
; Sequence 85, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; TYPE: amino acid
; STRANDEDNESS:
;

```

```

;
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 8 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
;
US-09-228-990-85
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HNSK 8
DB 14 HNSK 18

RESULT 144
US-09-228-990-86
; Sequence 86, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
;

```

```

;
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 11
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 11 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-86

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18
|||||

RESULT 145
US-09-228-990-87
; Sequence 87, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids
; TYPE: amino acid

```

```

;
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 12
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 12 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-87

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18
|||||

RESULT 146
US-09-228-990-88
; Sequence 88, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,990
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 amino acids

```

```

; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: Peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 13
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The Xaa in position 13 is D-Proline."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "the side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 31
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-88
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
Db 14 HLNSK 18

RESULT 147
US-09-442-989-1
; Sequence 1, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; EARLIER FILING DATE: 1999-11-18
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: CONH2."
US-09-442-989-2
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
Db 14 HLNSK 18

RESULT 148
US-09-442-989-2
; Sequence 2, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; EARLIER FILING DATE: 1999-11-18
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: CONH2."
US-09-442-989-3
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
Db 14 HLNSK 18

RESULT 149
US-09-442-989-3
; Sequence 3, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; EARLIER FILING DATE: 1999-11-18
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (19)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond"
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: CONH2."
US-09-442-989-1

```

```
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: COHN2."
US-09-442-989-3
```

```
Query Match          27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4 HLNSK 8
         |||||
Db      14 HLNSK 18
```

```
RESULT 150
US-09-442-989-4
; Sequence 4, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: COHN2."
US-09-442-989-4
```

```
Query Match          27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4 HLNSK 8
         |||||
Db      14 HLNSK 18
```

```
RESULT 151
US-09-442-989-5
; Sequence 5, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; TITLE OF INVENTION: PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: CONH2."
US-09-442-989-5
```

```
Query Match          27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4 HLNSK 8
         |||||
Db      14 HLNSK 18
```

```
RESULT 152
US-09-442-989-6
; Sequence 6, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; TITLE OF INVENTION: PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
```

; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; US-09-442-989-6

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
| | | | |
DB 14 HLNSK 18

RESULT 153
US-09-442-989-7
; Sequence 7, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; US-09-442-989-7

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
| | | | |
DB 14 HLNSK 18

RESULT 154
US-09-442-989-8
; Sequence 8, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.

; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; US-09-442-989-8

Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 HLNSK 8
| | | | |
DB 14 HLNSK 18

RESULT 155
US-09-442-989-9
; Sequence 9, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; US-09-442-989-9

Query Match 27.8%; Score 27; DB 4; Length 31;


```
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 156
US-09-442-989-10
; Sequence 10, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; OTHER INFORMATION: CONH2."
US-09-442-989-11
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 158
US-09-442-989-12
; Sequence 12, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; OTHER INFORMATION: CONH2."
US-09-442-989-12
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 157
US-09-442-989-11
; Sequence 11, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; position 18 and Asp at position 22 are linked by
; an amide bond."
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; CONH2."
; OTHER INFORMATION: CONH2."
US-09-442-989-11
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18
```

```
RESULT 159
US-09-442-989-17
; Sequence 17, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (8)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chain of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (26)..(30)
; OTHER INFORMATION: "Synthetic Peptide: The side chain of Lys at
; OTHER INFORMATION: position 26 and Asp at position 30 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (31)
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: CONH2."
US-09-442-989-17
Query Match 27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 HLNSK 8
Db 14 HLNSK 18

RESULT 160
US-09-442-989-32
; Sequence 32, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
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; NAME/KEY: PEPTIDE
; LOCATION: (1)
; OTHER INFORMATION: FMOC-Ala
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (3)
; OTHER INFORMATION: Ser (OtBu)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (4)
; OTHER INFORMATION: Glu (OtBu)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (6)
; OTHER INFORMATION: Gln (Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (9)
; OTHER INFORMATION: His (Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (10)
; OTHER INFORMATION: Asn (Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (13)
; OTHER INFORMATION: Lys (BOC)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (14)
; OTHER INFORMATION: His (Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (16)
; OTHER INFORMATION: Asn (Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (17)
; OTHER INFORMATION: Ser (OtBu)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (19)
; OTHER INFORMATION: Glu (PtBu)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (20)
; OTHER INFORMATION: Arg (PMC)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (22)..(30)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 13 and Asp at position 30 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (23)
; OTHER INFORMATION: Trp (BOC)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (25)
; OTHER INFORMATION: Arg (PMC)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (26)
; OTHER INFORMATION: Lys (BOC)
; FEATURE:
; NAME/KEY: PEPTIDE
```

```
; LOCATION: (29)
; OTHER INFORMATION: Gln(Trt)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)
; OTHER INFORMATION: Asp(OtBu)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (30)
; OTHER INFORMATION: "This C-terminal amino acid is bonded via an amide
; OTHER INFORMATION: bond to Rink Amide MBHA resin."
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (8)
; OTHER INFORMATION: X = No. 6569993leucine; Nle
US-09-442-989-32

Query Match      27.8%; Score 27; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 HLNSK 8
Db      14 HLNSK 18

RESULT 161
US-09-228-990-46
; Sequence 46, Application US/09228990
; Patent No. 6472505
; GENERAL INFORMATION:
; APPLICANT: Condon, Stephen M.
; APPLICANT: Morize, Isabelle
; TITLE OF INVENTION: PEPTIDE PARATHYROID HORMONE ANALOGS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3043
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: US 60/046,472
; FILING DATE: 14-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin Esq., Michael B.
; REGISTRATION NUMBER: 37,521
; REFERENCE/DOCKET NUMBER: A2678B-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-2793
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 8
; OTHER INFORMATION: /product= "Nle"
```

```
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 18..22
; OTHER INFORMATION:
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "The side chains of Lys at position 18 and Asp at
; OTHER INFORMATION: position 22 are linked by an amide bond."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 34
; OTHER INFORMATION:
; OTHER INFORMATION: /product= "OTHER"
; OTHER INFORMATION: /note= "This C-terminal amino acid is an amide, i.e., CONH2."
US-09-228-990-46

Query Match      27.8%; Score 27; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 HLNSK 8
Db      14 HLNSK 18

RESULT 162
US-09-442-989-18
; Sequence 18, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; TITLE OF INVENTION: PEPTIDES
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (8)_
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)..(22)
; OTHER INFORMATION: "Synthetic Peptide: The side chains of Lys at
; OTHER INFORMATION: position 18 and Asp at position 22 are linked by
; OTHER INFORMATION: an amide bond."
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (34)
; OTHER INFORMATION:
; OTHER INFORMATION: "This C-terminal amino acid is an amide, i.e.,
; OTHER INFORMATION: COHN2."
US-09-442-989-18

Query Match      27.8%; Score 27; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 HLNSK 8
Db      14 HLNSK 18

RESULT 163
US-09-442-989-46
; Sequence 46, Application US/09442989
; Patent No. 6569993
; GENERAL INFORMATION:
```

```
; APPLICANT: Sledeski, Adam W.
; APPLICANT: Mencil, James J.
; TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF RESIN-BOUND CYCLIC
; FILE REFERENCE: A3113B-US
; CURRENT APPLICATION NUMBER: US/09/442,989
; CURRENT FILING DATE: 1999-11-18
; EARLIER APPLICATION NUMBER: 60/081,897
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:HPTH Analogue
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)
; OTHER INFORMATION: Product=Ala
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (8)
; OTHER INFORMATION: Xaa = No. 6569993leucine (Nle)
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)
; OTHER INFORMATION: Product = Lys
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (18)
; OTHER INFORMATION: The side chain of Lys is bonded by an amide bridge
; OTHER INFORMATION: to the side chain of Asp.
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (22)
; OTHER INFORMATION: Product = Asp
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (22)
; OTHER INFORMATION: The side chain of Asp is bonded by an amide bridge
; OTHER INFORMATION: to the side chain of Lys.
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (26)
; OTHER INFORMATION: Product = Lys
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (26)
; OTHER INFORMATION: The side chain of Lys is bonded by an amide bridge
; OTHER INFORMATION: to the side chain of Asp.
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (27)
; OTHER INFORMATION: Product = Leu
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (30)
; OTHER INFORMATION: Product = Asp
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (30)
; OTHER INFORMATION: The side chain of Asp is bonded by an amide bridge
; OTHER INFORMATION: to the side chain of Lys.
; OTHER INFORMATION:
; US-09-442-989-46
```

```
Query Match 27.8%; Score 27; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4 HLNK 8
|||||
```

Db 14 HLNK 18

RESULT 164

```
US-09-082-279B-714
; Sequence 714, Application US/09082279B
; Patent No. 6258782
; GENERAL INFORMATION:
; APPLICANT: Barney, Shawn
; APPLICANT: Guthrie, Kelly
; APPLICANT: Merutka, Gene
; APPLICANT: Anwer, Mohmed
; APPLICANT: Lambert, Dennis
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED
; TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES
; FILE REFERENCE: 7872-043
; CURRENT APPLICATION NUMBER: US/09/082,279B
; CURRENT FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1515
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 714
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
; US-09-082-279B-714
```

```
Query Match 27.8%; Score 27; DB 3; Length 35;
Best Local Similarity 38.5%; Pred. No. 7.6e+02;
Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
```

QY 5 LNSKIAFKIVSQE 17

DB 18 INQSLAFAAASDE 30

RESULT 165

```
US-09-315-304B-714
; Sequence 714, Application US/09315304B
; Patent No. 6348568
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; TITLE OF INVENTION: PROPERTIES
; FILE REFERENCE: 7872-052
; CURRENT APPLICATION NUMBER: US/09/315,304B
; CURRENT FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1667
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 714
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
; US-09-315-304B-714
```

```
Query Match 27.8%; Score 27; DB 3; Length 35;
Best Local Similarity 38.5%; Pred. No. 7.6e+02;
Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
```

QY 5 LNSKIAFKIVSQE 17

DB 18 INQSLAFAAASDE 30

RESULT 166
 US-09-834-784-714
 ; Sequence 714, Application US/09834784
 ; Patent No. 6562787
 ; GENERAL INFORMATION:
 ; APPLICANT: Barney, Shawn
 ; APPLICANT: Guthrie, Kelly
 ; APPLICANT: Merutka, Gene
 ; APPLICANT: Anwer, Mohamed
 ; APPLICANT: Lambert, Dennis
 ; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC PROPERTIES
 ; FILE REFERENCE: 7872-043
 ; CURRENT APPLICATION NUMBER: US/09/834,784
 ; CURRENT FILING DATE: 2001-04-13
 ; PRIOR APPLICATION NUMBER: 09/082,279
 ; PRIOR FILING DATE: 1998-05-20
 ; NUMBER OF SEQ ID NOS: 1515
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 714
 ; LENGTH: 35
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Core polypeptide
 ; US-09-834-784-714

Query Match 27.8%; Score 27; DB 4; Length 35;
 Best Local Similarity 38.5%; Pred. No. 7.6e+02;
 Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQE 17
 :|||:
 Db 18 INQSLAFAPAAASDE 30

RESULT 167
 US-09-515-965A-714
 ; Sequence 714, Application US/09515965A
 ; Patent No. 6623741
 ; GENERAL INFORMATION:
 ; APPLICANT: Antczak, J.
 ; APPLICANT: Delmedico, M.
 ; APPLICANT: Erickson, J.
 ; APPLICANT: Lambert, D.
 ; APPLICANT: Sista, P.
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION OF MEMBRANE FUSION-ASSOCIATED EVENTS INCLUDING RSV TRANSMISSION
 ; FILE REFERENCE: 7872-073
 ; CURRENT APPLICATION NUMBER: US/09/515,965A
 ; CURRENT FILING DATE: 2000-02-29
 ; PRIOR APPLICATION NUMBER: 09/315,304
 ; PRIOR FILING DATE: 1999-05-20
 ; PRIOR APPLICATION NUMBER: 09/082,279
 ; PRIOR FILING DATE: 1998-05-20
 ; NUMBER OF SEQ ID NOS: 1994
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 714
 ; LENGTH: 35
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Core polypeptide
 ; US-09-515-965A-714

Query Match 27.8%; Score 27; DB 4; Length 35;
 Best Local Similarity 38.5%; Pred. No. 7.6e+02;
 Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQE 17
 :|||:
 Db 18 INQSLAFAPAAASDE 30

RESULT 168
 US-09-350-641C-714
 ; Sequence 714, Application US/09350641C
 ; Patent No. 6656906
 ; GENERAL INFORMATION:
 ; APPLICANT: Barney, S.
 ; APPLICANT: Guthrie, K.
 ; APPLICANT: Merutka, G.
 ; APPLICANT: Anwer, M.
 ; APPLICANT: Lambert, D.
 ; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC PROPERTIES
 ; FILE REFERENCE: 7872-067
 ; CURRENT APPLICATION NUMBER: US/09/350,641C
 ; CURRENT FILING DATE: 1999-07-09
 ; PRIOR APPLICATION NUMBER: 09/315,304
 ; PRIOR FILING DATE: 1999-05-20
 ; PRIOR APPLICATION NUMBER: 09/082,279
 ; PRIOR FILING DATE: 1998-05-20
 ; NUMBER OF SEQ ID NOS: 1757
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 714
 ; LENGTH: 35
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Core polypeptide
 ; US-09-350-641C-714

Query Match 27.8%; Score 27; DB 4; Length 35;
 Best Local Similarity 38.5%; Pred. No. 7.6e+02;
 Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQE 17
 :|||:
 Db 18 INQSLAFAPAAASDE 30

RESULT 169
 US-09-350-841A-714
 ; Sequence 714, Application US/09350841A
 ; Patent No. 6750008
 ; GENERAL INFORMATION:
 ; APPLICANT: Jeffis, Peter;
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV TRANSMISSION
 ; FILE REFERENCE: 7872-066-999
 ; CURRENT APPLICATION NUMBER: US/09/350,841A
 ; CURRENT FILING DATE: 1999-07-09
 ; NUMBER OF SEQ ID NOS: 1946
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 714
 ; LENGTH: 35
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Core polypeptide
 ; US-09-350-841A-714

Query Match 27.8%; Score 27; DB 4; Length 35;
 Best Local Similarity 38.5%; Pred. No. 7.6e+02;
 Matches 5; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQE 17
 :|||:
 Db 18 INQSLAFAPAAASDE 30

RESULT 170
 US-09-106-568E-123
 ; Sequence 123, Application US/09106568E
 ; Patent No. 6455248

```
; GENERAL INFORMATION:
; APPLICANT: Bhattacherjee, J.
; APPLICANT: Suvarna, Kalavati
; APPLICANT: Bhattacherjee, Vasker
; TITLE OF INVENTION: METHODS AND REAGENTS FOR DETECTING FUNGAL PATHOGENS IN
; TITLE OF INVENTION: A BIOLOGICAL SAMPLE
; FILE REFERENCE: 96,247-A
; CURRENT APPLICATION NUMBER: US/09/106,568E
; CURRENT FILING DATE: 1998-06-29
; PRIOR APPLICATION NUMBER: 08/650,809
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Microsoft Word 97
; SEQ ID NO 123
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide segment of GRSB_1BACH shown in Figure 4.
US-09-106-568E-123

Query Match      27.8%; Score 27; DB 4; Length 36;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 HNSKI 9
      |||||
Db      28 HNGKI 33

RESULT 171
US-09-270-767-56669
; Sequence 56669, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56669
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-56669

Query Match      27.8%; Score 27; DB 4; Length 37;
Best Local Similarity 50.0%; Pred. No. 8.1e+02;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      6 NSKIAPFI 13
      ||::|||
Db      1 NSQLSFKL 8

RESULT 172
US-08-939-002A-2
; Sequence 2, Application US/08939002A
; Patent No. 5849529
; GENERAL INFORMATION:
; APPLICANT: HAYASHI, KIYOSHI
; APPLICANT: LIU, AIMIN
; APPLICANT: LI, HEBIAO
; APPLICANT: HARAGUCHI, KAZUTOMO
; APPLICANT: KITAMURA, YOSHIKI
; TITLE OF INVENTION: CELLOBIOSE PHOSPHORYLASE GENE, VECTOR
; TITLE OF INVENTION: AND TRANSFORMANT CONTAINING SAID GENE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/939,002A
; FILING DATE: 26-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 221193/1997
; FILING DATE: 04-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 8361-001-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Cellvibrio gilvus
; STRAIN: ATCC 13127
; INDIVIDUAL ISOLATE: Direct Origin:
; IMMEDIATE SOURCE:
; CLONE: Digest of an enzyme produced by Cellvibrio
; CLONE: gilvus
US-08-939-002A-2

Query Match      27.8%; Score 27; DB 2; Length 40;
Best Local Similarity 33.3%; Pred. No. 8.9e+02;
Matches 5; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY      3 NHLNSKIAPKIVSQE 17
      ||::|||
Db      26 NYLGSEQFFSLLSHQ 40

RESULT 173
US-09-480-993-15
; Sequence 15, Application US/09480993
; Patent No. 6383790
; GENERAL INFORMATION:
; APPLICANT: Shokat, Kevan M.
; TITLE OF INVENTION: High Affinity Kinase Inhibitors for Target Validation
; TITLE OF INVENTION: and Uses Thereof
; FILE REFERENCE: 51538-5001-US
; CURRENT APPLICATION NUMBER: US/09/480,993
; CURRENT FILING DATE: 2000-01-11
; EARLIER APPLICATION NUMBER: US 60/115,340
; EARLIER FILING DATE: 1999-01-11
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: c-Pyn kinase
```

US-09-480-993-15

Query Match 27.8%; Score 27; DB 3; Length 40;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 4; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 11 FKIVSQEP 18
: : : : :
Db 9 YAVVSEEP 16

RESULT 174

US-08-392-625-25
; Sequence 25, Application US/08392625
; Patent No. 5837485

GENERAL INFORMATION:

APPLICANT: Entian, Karl-Dieter
APPLICANT: G tz, Friedrich
APPLICANT: Schnell, No. 5837485bert
APPLICANT: Augustin, Johannes
APPLICANT: Engelke, Germar
APPLICANT: Rosenstein, Ralf
APPLICANT: Kaletta, Cortina
APPLICANT: Wieland, Bernd
APPLICANT: Kupke, Thomas
APPLICANT: Jung, G nther
APPLICANT: Kellner, Roland
TITLE OF INVENTION: Biosynthetic Process For The Preparation
OF SEQUENCES: 42
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,625
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/876,791
FILING DATE: 30-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.0980002
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
TOPOLOGY: linear

US-08-392-625-25
Query Match 27.8%; Score 27; DB 2; Length 41;
Best Local Similarity 37.5%; Pred. No. 9.2e+02;
Matches 6; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQEP 18
: : : : :
Db 26 SHIDLKSIKIVNEVP 41

RESULT 176

US-08-936-165A-290
; Sequence 290, Application US/08936165A
; Patent No. 6348582

GENERAL INFORMATION:

APPLICANT: Entian, Karl-Dieter
APPLICANT: G tz, Friedrich
APPLICANT: Schnell, No. 5837485bert
APPLICANT: Augustin, Johannes
APPLICANT: Engelke, Germar
APPLICANT: Rosenstein, Ralf
APPLICANT: Kaletta, Cortina
APPLICANT: Wieland, Bernd
APPLICANT: Kupke, Thomas
APPLICANT: Jung, G nther
APPLICANT: Kellner, Roland
TITLE OF INVENTION: Biosynthetic Process For The Preparation
OF SEQUENCES: 42
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,625
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/876,791
FILING DATE: 30-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.0980002
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
TOPOLOGY: linear

US-08-936-165A-290
Query Match 27.8%; Score 27; DB 2; Length 41;
Best Local Similarity 37.5%; Pred. No. 9.2e+02;
Matches 6; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQEP 18
: : : : :
Db 26 SHIDLKSIKIVNEVP 41

RESULT 175

US-08-466-961A-25
; Sequence 25, Application US/08466961A
; Patent No. 5843709

GENERAL INFORMATION:

APPLICANT: Entian, Karl-Dieter
APPLICANT: G tz, Friedrich
APPLICANT: Schnell, No. 5843709bert
APPLICANT: Augustin, Johannes
APPLICANT: Engelke, Germar
APPLICANT: Rosenstein, Ralf
APPLICANT: Kaletta, Cortina
APPLICANT: Klein, Cora
APPLICANT: Wieland, Bernd
APPLICANT: Kupke, Thomas
APPLICANT: Jung, G nther
APPLICANT: Kellner, Roland
TITLE OF INVENTION: Biosynthetic Process for the Preparation of
Chemical Compounds
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,961A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,625
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/876,791
FILING DATE: 30-APR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/784,234
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.0980004
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
TOPOLOGY: linear

US-08-466-961A-25
Query Match 27.8%; Score 27; DB 2; Length 41;
Best Local Similarity 37.5%; Pred. No. 9.2e+02;
Matches 6; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQEP 18
: : : : :
Db 26 SHIDLKSIKIVNEVP 41

RESULT 176

US-08-936-165A-290
; Sequence 290, Application US/08936165A
; Patent No. 6348582

GENERAL INFORMATION:

APPLICANT: Entian, Karl-Dieter
APPLICANT: G tz, Friedrich
APPLICANT: Schnell, No. 5843709bert
APPLICANT: Augustin, Johannes
APPLICANT: Engelke, Germar
APPLICANT: Rosenstein, Ralf
APPLICANT: Kaletta, Cortina
APPLICANT: Klein, Cora
APPLICANT: Wieland, Bernd
APPLICANT: Kupke, Thomas
APPLICANT: Jung, G nther
APPLICANT: Kellner, Roland
TITLE OF INVENTION: Biosynthetic Process for the Preparation of
Chemical Compounds
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,961A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,625
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/876,791
FILING DATE: 30-APR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/784,234
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.0980004
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
TOPOLOGY: linear

US-08-466-961A-25
Query Match 27.8%; Score 27; DB 2; Length 41;
Best Local Similarity 37.5%; Pred. No. 9.2e+02;
Matches 6; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQEP 18
: : : : :
Db 26 SHIDLKSIKIVNEVP 41

```
; APPLICANT: Black, Michael
; APPLICANT: Burnham, Martin
; APPLICANT: Hodgson, John
; APPLICANT: Knowles, David
; APPLICANT: Lonetto, Michael
; APPLICANT: Nicholas, Richard
; APPLICANT: Pratt, Julie
; APPLICANT: Reichard, Richard
; APPLICANT: Rosenberg, Martin
; APPLICANT: Ward, Judith
; TITLE OF INVENTION: No. 6348582el Prokaryotic Polynucleotides,
; TITLE OF INVENTION: Polypeptides and their Uses
; NUMBER OF SEQUENCES: 534
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,165A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER: 60/027,032
; FILING DATE: 24-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimmel, Edward R
; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P50549
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 290:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
; US-08-936-165A-290

Query Match 27.8%; Score 27; DB 3; Length 41;
Best Local Similarity 42.9%; Pred. No. 9.2e+02;
Matches 6; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 6 NSKIAFKIVSOEPA 19
Db 7 NSVVAIIIXREXA 20

RESULT 177
US-10-080-505-18
; Sequence 18, Application US/10080505
; Patent No. 6676948
; GENERAL INFORMATION:
; APPLICANT: St. Geme, Joseph W.
; TITLE OF INVENTION: HAEMOPHILUS ADHERENCE AND PENETRATION PROTEINS
; FILE REFERENCE: A-59941-1/RFT/DCF/DHR
; CURRENT APPLICATION NUMBER: US/10/080,505
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 08/296,791
; PRIOR FILING DATE: 1994-10-25
; PRIOR APPLICATION NUMBER: US 09/839,996
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 58
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 47
; TYPE: PRT
; ORGANISM: Haemophilus influenzae
; US-10-080-505-18

Query Match 27.8%; Score 27; DB 4; Length 47;
Best Local Similarity 50.0%; Pred. No. 1.1e+03;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQ 16
Db 9 NFLTACISLGIVSQ 22

RESULT 178
US-08-890-865A-21
; Sequence 21, Application US/08890865A
; Patent No. 6307019
; GENERAL INFORMATION:
; APPLICANT: Constantini, Franklin
; APPLICANT: Zeng, Li
; TITLE OF INVENTION: AXIN GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: US
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,865A
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/54249
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)278-0400
; TELEFAX: (212)391-0526
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
; US-08-890-865A-21

Query Match 27.8%; Score 27; DB 3; Length 49;
Best Local Similarity 66.7%; Pred. No. 1.1e+03;
Matches 6; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 11 FKIVSQEPA 19
Db 6 FKSVLQPEA 14

RESULT 179
US-08-867-087B-59
; Sequence 59, Application US/08867087B
; Patent No. 5990386
; GENERAL INFORMATION:
; APPLICANT: An, Cynheung
; TITLE OF INVENTION: GENES CONTROLLING FLORAL DEVELOPMENT
```


; TITLE OF INVENTION: AND APICAL DOMINANCE IN PLANTS
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klarquist Sparkman Campbell Leigh &
; ADDRESSEE: Winston, LLP
; STREET: One World Trade Center
; STREET: 121 S.W. Salmon Street
; STREET: Suite 1600
; CITY: Portland
; STATE: Oregon
; COUNTRY: United States of America
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3-1/2 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,087B
; FILING DATE: June 2, 1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/323,449
; FILING DATE: October 14, 1994
; APPLICATION NUMBER: U.S. 08/485,981
; FILING DATE: June 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Alan E.
; REGISTRATION NUMBER: 35,123
; REFERENCE/DOCKET NUMBER: 4630-47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acid residues
; TYPE: amino acid
; TOPOLOGY: linear
; US-08-867-087B-59

Query Match 27.3%; Score 26.5; DB 2; Length 36;
Best Local Similarity 43.8%; Pred. No. 9.7e+02;
Matches 7; Conservative 5; Mismatches 3; Indels 1; Gaps 1;

QY 1 EPNHLSKIAFKIVSQ 16
||| : : : : :
Db 22 EPN-ISTREALEISSQ 36

RESULT 180
US-09-177-249-167
; Sequence 167, Application US/09177249
; Patent No. 6229064
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert L.
; APPLICANT: Ohad, Nir
; APPLICANT: Kiyosue, Tomohiro
; APPLICANT: Yadegari, Ramin
; APPLICANT: Margossian, Linda
; APPLICANT: Harada, John
; APPLICANT: Goldberg, Robert B.
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Nucleic Acids That Control Seed and Fruit
; FILE OF INVENTION: Development in Plants
; FILE REFERENCE: 023070-0861200S
; CURRENT APPLICATION NUMBER: US/09/177,249
; CURRENT FILING DATE: 1998-10-22
; EARLIER APPLICATION NUMBER: US 09/071,838
; EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 167
; LENGTH: 50

; TYPE: PRT
; ORGANISM: Arabidopsis sp.
; US-09-177-249-167

Query Match 27.3%; Score 26.5; DB 3; Length 50;
Best Local Similarity 33.3%; Pred. No. 1.4e+03;
Matches 7; Conservative 6; Mismatches 5; Indels 3; Gaps 1;

QY 1 EPNHL---NSKIAFKIVSQEP 18
| : : : : :
Db 6 EADHVMNDNSISNKIVSDP 26

RESULT 181
US-09-308-935-15
; Sequence 15, Application US/09308935
; Patent No. 6268334
; GENERAL INFORMATION:
; APPLICANT: La Thangue, Nicholas B
; APPLICANT: Bandara, Lasantha R
; TITLE OF INVENTION: Peptide antagonists of DP transcription factors
; FILE REFERENCE: 620-67
; CURRENT APPLICATION NUMBER: US/09/308,935
; CURRENT FILING DATE: 1999-05-27
; EARLIER APPLICATION NUMBER: PCT/GB97/03506
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: GB 9626589.7
; EARLIER FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutant peptide
; US-09-308-935-15

Query Match 26.8%; Score 26; DB 3; Length 19;
Best Local Similarity 41.7%; Pred. No. 5.6e+02;
Matches 5; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 5 LNSKIAFKIVSQ 16
||| : : : : :
Db 8 LNALMAMNIISK 19

RESULT 182
US-08-564-972-52
; Sequence 52, Application US/08564972
; Patent No. 5843462
; GENERAL INFORMATION:
; APPLICANT: Conti-Fine, B. M.
; TITLE OF INVENTION: DIPHTHERIA TOXIN EPITOPES
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.
; STREET: P.O. Box 2938
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/564,972
; FILING DATE: 30-NOV-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Woessner, Warren D
;; REGISTRATION NUMBER: 30,440
;; REFERENCE/DOCKET NUMBER: 600.344US1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 612-339-0331
;; TELEFAX: 612-339-3061
;; TELEX:

;; INFORMATION FOR SEQ ID NO: 52:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 20 amino acids

;; TYPE: amino acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: peptide

;; HYPOTHETICAL: NO

;; ANTI-SENSE: NO

;; FRAGMENT TYPE: internal

;; ORIGINAL SOURCE:

US-08-564-972-52

Query Match 26.8%; Score 26; DB 2; Length 20;

Best Local Similarity 42.9%; Pred. No. 5.9e+02;

Matches 6; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 4 HLNKIAPIKVSQE 17

DB 4 HANLHVAFHRSSE 17

RESULT 183

US-08-310-912A-76

; Sequence 76, Application US/08310912A

; Patent No. 5981730

; GENERAL INFORMATION:

; APPLICANT: Ausubel, Frederick M.

; APPLICANT: Staskawicz, Brian J.

; APPLICANT: Brent, Andrew F.

; APPLICANT: Dahlbeck, Douglas

; APPLICANT: Katagiri, Fumiaki

; APPLICANT: Kunkel, Barbara N.

; APPLICANT: Mindrinos, Michael N.

; APPLICANT: Yu, Guo-Liang

; TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION

; TITLE OF INVENTION: METHODS

; NUMBER OF SEQUENCES: 208

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02110-2904

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30B

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/310,912A

; FILING DATE: September 22, 1994

; CLASSIFICATION: 536

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/227,360

; FILING DATE: April 13, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Lech, Karen F.

; REGISTRATION NUMBER: 35,238

; REFERENCE/DOCKET NUMBER: 00786/254001

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 542-5070

; TELEFAX: (617) 542-8906

;; TELEX: 100254
;; INFORMATION FOR SEQ ID NO: 76:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: not relevant
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-08-310-912A-76

Query Match 26.8%; Score 26; DB 2; Length 21;

Best Local Similarity 33.3%; Pred. No. 6.3e+02;

Matches 4; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 8 KIAFKIVSQEPA 19

DB 4 KRSPRVINSPA 15

RESULT 184

US-09-128-155-12

; Sequence 12, Application US/09128155

; Patent No. 6117654

; GENERAL INFORMATION:

; APPLICANT: Pan, Yang

; TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY

; FILE REFERENCE: 09404/052001

; CURRENT APPLICATION NUMBER: US/09/128,155

; CURRENT FILING DATE: 1998-08-03

; EARLIER APPLICATION NUMBER: US 60/091,650

; EARLIER FILING DATE: 1998-07-02

; EARLIER APPLICATION NUMBER: US 60/054,646

; EARLIER FILING DATE: 1997-08-04

; NUMBER OF SEQ ID NOS: 18

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 12

; LENGTH: 21

; TYPE: PPT

; ORGANISM: Homo sapiens

US-09-128-155-12

Query Match 26.8%; Score 26; DB 3; Length 21;

Best Local Similarity 38.5%; Pred. No. 6.3e+02;

Matches 5; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 3 NMLNSKIAPKIVS 15

DB 2 NFVHTKIFFALAS 14

RESULT 185

US-08-841-089-76

; Sequence 76, Application US/08841089

; Patent No. 6127607

; GENERAL INFORMATION:

; APPLICANT: Ausubel, Frederick M.

; APPLICANT: Staskawicz, Brian J.

; APPLICANT: Brent, Andrew F.

; APPLICANT: Dahlbeck, Douglas

; APPLICANT: Katagiri, Fumiaki

; APPLICANT: Kunkel, Barbara N.

; APPLICANT: Mindrinos, Michael N.

; APPLICANT: Yu, Guo-Liang

; TITLE OF INVENTION: RPS2 GENE AND USES THEREOF

; NUMBER OF SEQUENCES: 106

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson

; STREET: 225 Franklin Street Suite 3100

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02110-2904

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,089
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,360
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 100254
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-841-089-76

Query Match 26.8%; Score 26; DB 3; Length 21;
Best Local Similarity 33.3%; Pred. No. 6.3e+02;
Matches 4; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 8 KIAFKIVSQEPA 19
| :|::: ||
Db 4 KRFRVINSIPA 15

RESULT 186
US-09-301-085-76
Sequence 76, Application US/09301085
Patent No. 6262248
GENERAL INFORMATION:
APPLICANT: Ausubel, Frederick M.
APPLICANT: Staskawicz, Brian J.
APPLICANT: Brent, Andrew F.
APPLICANT: Dahlbeck, Douglas
APPLICANT: Katagiri, Fumiaki
APPLICANT: Kunkel, Barbara N.
APPLICANT: Mindrinos, Michael N.
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND
METHODS
FILE REFERENCE: 00786/254002
CURRENT APPLICATION NUMBER: US/09/301,085
CURRENT FILING DATE: 1999-04-28
EARLIER APPLICATION NUMBER: 08/310,912
EARLIER FILING DATE: 1994-09-22
EARLIER APPLICATION NUMBER: 08/227,360
EARLIER FILING DATE: 1994-04-13
NUMBER OF SEQ ID NOS: 208
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 76
LENGTH: 21
TYPE: PRT
ORGANISM: Arabidopsis thaliana
US-09-301-085-76

Query Match 26.8%; Score 26; DB 3; Length 21;
Best Local Similarity 33.3%; Pred. No. 6.3e+02;
Matches 4; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 8 KIAFKIVSQEPA 19

Db 4 KRFRVINSIPA 15
| :|::: ||

RESULT 187
US-09-230-548-15
Sequence 15, Application US/09230548
Patent No. 6326466
GENERAL INFORMATION:
APPLICANT: Bottaro, Donald P.
APPLICANT: Petryshyn, Raymond
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary,
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Double-Stranded RNA Dependent Protein Kinase Derived
Peptides to Promote Proliferation of Cells and Tissues
TITLE OF INVENTION: in a Controlled Manner
FILE REFERENCE: 015280-286200US
CURRENT APPLICATION NUMBER: US/09/230,548
CURRENT FILING DATE: 1999-07-23
EARLIER APPLICATION NUMBER: US 60/023,307
EARLIER FILING DATE: 1996-07-30
EARLIER APPLICATION NUMBER: WO PCT/US97/14350
EARLIER FILING DATE: 1997-07-29
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 21
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: double-stranded
OTHER INFORMATION: RNA dependent protein kinase (PKR) peptide
OTHER INFORMATION: antagonist, human PKR site 1 (hR1 peptide)
US-09-230-548-15

Query Match 26.8%; Score 26; DB 3; Length 21;
Best Local Similarity 29.4%; Pred. No. 6.3e+02;
Matches 5; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 1 EPNHLSKIAFKIVSQE 17
| :|::: ||
Db 3 EAKVAAAKLAVEILNKE 19

RESULT 188
US-08-924-629C-78
Sequence 78, Application US/08924629C
Patent No. 6403082
GENERAL INFORMATION:
APPLICANT: Stiles, Michael E.
APPLICANT: Vederas, John C.
APPLICANT: van Belkum, Marius J.
APPLICANT: Worobo, Randy W.
APPLICANT: Worobo, Rodney J.
APPLICANT: Greer, G. Gordon
APPLICANT: McMullen, Lynn M.
APPLICANT: Leisner, Jorgen J.
APPLICANT: Poon, Alison
APPLICANT: Franz, Charles M.A.P.
TITLE OF INVENTION: No. 6403082elBacteriocins, Transport and Vector System and Method
FILE REFERENCE: 660.0005US
CURRENT APPLICATION NUMBER: US/08/924,629C
CURRENT FILING DATE: 1997-09-05
PRIOR APPLICATION NUMBER: US 60/026,257
PRIOR FILING DATE: 1996-09-05
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn version 3.1
SEQ ID NO 78
LENGTH: 21
TYPE: PRT
ORGANISM: Lactococcin B
US-08-924-629C-78

TELEFAX: (617) 542-8906
TELEX: 100254
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-04589-76

Query Match 26.8%; Score 26; DB 5; Length 21;
Best Local Similarity 33.3%; Pred. No. 6.3e+02;
Matches 4; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Qy 8 KIAFKVQPEA 19
Db 4 KRSPRVIIINSPA 15

RESULT 192
US-08-847-844A-55
Sequence 55, Application US/08847844A
Patent No. 6150160
GENERAL INFORMATION:
APPLICANT: KAZAZIAN JR., HAIG H.
APPLICANT: BOEKE, JEF D.
APPLICANT: MORAN, JOHN V.
APPLICANT: DOMBROSKI, BETH A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF
TITLE OF INVENTION: MAMMALIAN RETROTRANSPONSONS
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/749,805
FILING DATE: 16-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/006,831
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY PH.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-2302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2020
TELEFAX: 215-567-2991
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-847-844A-55

Query Match 26.8%; Score 26; DB 3; Length 22;
Best Local Similarity 62.5%; Pred. No. 6.7e+02;
Matches 5; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 2 PNHLSKI 9
Db 9 PHHTYSKI 16

RESULT 193
US-09-690-454-130
Sequence 130, Application US/09690454
Patent No. 6531447
GENERAL INFORMATION:
APPLICANT: Steven M. Ruben, et al.
TITLE OF INVENTION: 32 Human Secreted Proteins
FILE REFERENCE: P2006P1
CURRENT APPLICATION NUMBER: US/09/690,454
CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: 09/189,144
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/044,039
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/048,093
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/048,190
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/050,935
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/048,101
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/048,356
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/056,250
PRIOR FILING DATE: August 29, 1997
PRIOR APPLICATION NUMBER: 60/056,296
PRIOR FILING DATE: August 29, 1997
PRIOR APPLICATION NUMBER: 60/056,293
PRIOR FILING DATE: August 29, 1997
NUMBER OF SEQ ID NOS: 229
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 130
LENGTH: 24
TYPE: PRT
ORGANISM: Homo sapiens
US-09-690-454-130

Query Match 26.8%; Score 26; DB 4; Length 24;
Best Local Similarity 33.3%; Pred. No. 7.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 5 LNSKIAPKIVSQ 16
Db 11 VDSEVEFQLYSQ 22

RESULT 194
US-09-843-221A-133
Sequence 133, Application US/09843221A
Patent No. 6756480
GENERAL INFORMATION:
APPLICANT: KOSTENIUK, PAUL
APPLICANT: LIU, CHUAN-FA
APPLICANT: LACEY, DAVID LEE
TITLE OF INVENTION: MODULATORS OF RECEPTORS FOR PARATHYROID HORMONE AND PARATHYROID H
FILE REFERENCE: A-665B
CURRENT APPLICATION NUMBER: US/09/843,221A
CURRENT FILING DATE: 2001-04-26
PRIOR APPLICATION NUMBER: 60/266,673
PRIOR FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 60/214,860
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/200,053
PRIOR FILING DATE: 2000-04-27
NUMBER OF SEQ ID NOS: 170

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 133
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: modified human PTH
US-09-843-221A-133

Query Match 26.8%; Score 26; DB 4; Length 24;
Best Local Similarity 60.0%; Pred. No. 7.4e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 1;

QY 4 HLNS--KTAP 11
||| :||
Db 8 HLNSMERVAF 17

RESULT 195
US-08-145-708A-20
; Sequence 20, Application US/08145708A
; Patent No. 5519114
; GENERAL INFORMATION:
; APPLICANT: Johnson, Howard M.
; APPLICANT: Torres, Barbara A.
; APPLICANT: Yamamoto, Janet K.
; TITLE OF INVENTION: Retroviral Superantigens, Superantigen
; TITLE OF INVENTION: Peptides, and Methods of Use
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,708A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: UFI135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-145-708A-20

Query Match 26.8%; Score 26; DB 1; Length 25;
Best Local Similarity 41.7%; Pred. No. 7.7e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0;

QY 6 NSKIAFKIVSQE 17
:|:|:| :|:
Db 5 DSRLEAFHHVARE 16

RESULT 196
US-08-331-454-20
; Sequence 20, Application US/08331454
; Patent No. 5519114
; GENERAL INFORMATION:
; APPLICANT: Johnson, Howard M.
; APPLICANT: Torres, Barbara A.
; APPLICANT: Yamamoto, Janet K.
; TITLE OF INVENTION: Retroviral Superantigens, Superantigen
; TITLE OF INVENTION: Peptides, and Methods of Use
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,708A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: UFI135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-145-708A-20

Query Match 26.8%; Score 26; DB 1; Length 25;
Best Local Similarity 41.7%; Pred. No. 7.7e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0;

QY 6 NSKIAFKIVSQE 17
:|:|:| :|:
Db 5 DSRLEAFHHVARE 16

RESULT 197
US-09-230-548-26
; Sequence 26, Application US/09230548
; Patent No. 6326466
; GENERAL INFORMATION:
; APPLICANT: Bottaro, Donald P.
; APPLICANT: Petryshyn, Raymond
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary,
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Double-Stranded RNA Dependent Protein Kinase Derived
; TITLE OF INVENTION: Peptides to Promote Proliferation of Cells and Tissues
; TITLE OF INVENTION: in a Controlled Manner
; FILE REFERENCE: 015280-286200US
; CURRENT APPLICATION NUMBER: US/09/230,548
; CURRENT FILING DATE: 1999-07-23
; EARLIER APPLICATION NUMBER: US 60/023,307
; EARLIER FILING DATE: 1996-07-30
; EARLIER APPLICATION NUMBER: WO PCT/US97/14350
; EARLIER FILING DATE: 1997-07-29

; Patent No. 5968514
; GENERAL INFORMATION:
; APPLICANT: Johnson, Howard M.
; APPLICANT: Torres, Barbara A.
; APPLICANT: Yamamoto, Janet K.
; TITLE OF INVENTION: Retroviral Superantigens, Superantigen
; TITLE OF INVENTION: Peptides, and Methods of Use
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/331,454
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,708
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: UFI135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-331-454-20
Query Match 26.8%; Score 26; DB 2; Length 25;
Best Local Similarity 41.7%; Pred. No. 7.7e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 6 NSKIAFKIVSQE 17
:|:|:| :|:
Db 5 DSRLEAFHHVARE 16
RESULT 197
US-09-230-548-26
; Sequence 26, Application US/09230548
; Patent No. 6326466
; GENERAL INFORMATION:
; APPLICANT: Bottaro, Donald P.
; APPLICANT: Petryshyn, Raymond
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary,
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Double-Stranded RNA Dependent Protein Kinase Derived
; TITLE OF INVENTION: Peptides to Promote Proliferation of Cells and Tissues
; TITLE OF INVENTION: in a Controlled Manner
; FILE REFERENCE: 015280-286200US
; CURRENT APPLICATION NUMBER: US/09/230,548
; CURRENT FILING DATE: 1999-07-23
; EARLIER APPLICATION NUMBER: US 60/023,307
; EARLIER FILING DATE: 1996-07-30
; EARLIER APPLICATION NUMBER: WO PCT/US97/14350
; EARLIER FILING DATE: 1997-07-29

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; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: double-stranded
; OTHER INFORMATION: RNA dependent protein kinase (PKR) peptide
; OTHER INFORMATION: antagonist, human PKR site 1
US-09-230-548-26

Query Match          26.8%; Score 26; DB 3; Length 26;
Best Local Similarity 29.4%; Pred. No. 8.1e+02;
Matches 5; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

Qy 1 EPNHLSKIAPKIVSQE 17
Db 8 EAKNAAKLAVEILNKE 24

RESULT 198
US-09-843-221A-97
; Sequence 97, Application US/09843221A
; Patent No. 6756480
; GENERAL INFORMATION:
; APPLICANT: KOSTENUIK, PAUL
; APPLICANT: LIU, CHUAN-FA
; APPLICANT: LACEY, DAVID LEE
; TITLE OF INVENTION: MODULATORS OF RECEPTORS FOR PARATHYROID HORMONE AND PARATHYROID H
; TITLE OF INVENTION: RELATED PROTEIN
; FILE REFERENCE: A-665B
; CURRENT APPLICATION NUMBER: US/09/843,221A
; CURRENT FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: 60/286,673
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: 60/214,860
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/200,053
; PRIOR FILING DATE: 2000-04-27
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: modified human PTH
US-09-843-221A-97

Query Match          26.8%; Score 26; DB 4; Length 28;
Best Local Similarity 60.0%; Pred. No. 8.8e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 2; Gaps 1;

Qy 4 HLNS--KIAF 11
Db 8 HLNSMERVAF 17

RESULT 199
US-08-248-021A-5
; Sequence 5, Application US/08248021A
; Patent No. 5648240
; GENERAL INFORMATION:
; APPLICANT: Hook, Magnus
; APPLICANT: Jonsson, Klas
; APPLICANT: Patti, Joseph M.
; APPLICANT: Gurusiddappa, Sivashankarappa
; TITLE OF INVENTION: MHC II ANALOG FROM STAPHYLOCOCCUS AUREUS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433

; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: double-stranded
; OTHER INFORMATION: RNA dependent protein kinase (PKR) peptide
; OTHER INFORMATION: antagonist, human PKR site 1
US-09-230-548-26

Query Match          26.8%; Score 26; DB 1; Length 31;
Best Local Similarity 83.3%; Pred. No. 9.9e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 HLNSKI 9
Db 25 HLNSNI 30

RESULT 200
US-08-031-538-49
; Sequence 49, Application US/08031538
; Patent No. 5968817
; GENERAL INFORMATION:
; APPLICANT: Sutcliffe, J Gregor
; APPLICANT: Erlander, Mark G
; APPLICANT: Lovenberg, Timothy W
; TITLE OF INVENTION: HUMAN SEROTONIN RECEPTORS, DNA ENCODING
; TITLE OF INVENTION: THE RECEPTORS, AND USES THEREOF
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5968817th Torrey Pines Road, TPC 8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,538
; FILING DATE: 19930315
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: TSP5099P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 49;
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-031-538-49

Query Match 26.8%; Score 26; DB 2; Length 33;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 14 VSQEP A 19
Db 20 VSQEP S 25

RESULT 201

US-09-843-221A-92
; Sequence 92, Application US/09843221A

; Patent No. 6756480

; GENERAL INFORMATION:

; APPLICANT: KOSTENUK, PAUL

; APPLICANT: LIU, CHUAN-FA

; TITLE OF INVENTION: MODULATORS OF RECEPTORS FOR PARATHYROID HORMONE AND PARATHYROID H

; TITLE OF INVENTION: RELATED PROTEIN

; FILE REFERENCE: A-665B

; CURRENT APPLICATION NUMBER: US/09/843,221A

; CURRENT FILING DATE: 2001-04-26

; PRIOR APPLICATION NUMBER: 60/266,673

; PRIOR FILING DATE: 2001-02-06

; PRIOR APPLICATION NUMBER: 60/214,860

; PRIOR FILING DATE: 2000-06-28

; PRIOR APPLICATION NUMBER: 60/200,053

; PRIOR FILING DATE: 2000-04-27

; NUMBER OF SEQ ID NOS: 170

; SOFTWARE: Patent in version 3.1

; SEQ ID NO 92

; LENGTH: 34

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: modified human PTH

US-09-843-221A-92

Query Match 26.8%; Score 26; DB 4; Length 34;
Best Local Similarity 60.0%; Pred. No. 1.1e+03;
Matches 6; Conservative 2; Mismatches 0; Indels 2; Gaps 1;

Qy 4 HLNS--KIAF 11
Db 14 HLNSMERVAF 23

RESULT 202

US-09-843-221A-128

; Sequence 128, Application US/09843221A

; Patent No. 6756480

; GENERAL INFORMATION:

; APPLICANT: KOSTENUK, PAUL

; APPLICANT: LIU, CHUAN-FA

; TITLE OF INVENTION: MODULATORS OF RECEPTORS FOR PARATHYROID HORMONE AND PARATHYROID H

; TITLE OF INVENTION: RELATED PROTEIN

; FILE REFERENCE: A-665B

; CURRENT APPLICATION NUMBER: US/09/843,221A

; CURRENT FILING DATE: 2001-04-26

; PRIOR APPLICATION NUMBER: 60/266,673

; PRIOR FILING DATE: 2001-02-06

; PRIOR APPLICATION NUMBER: 60/214,860

; PRIOR FILING DATE: 2000-06-28

; PRIOR APPLICATION NUMBER: 60/200,053

; PRIOR FILING DATE: 2000-04-27

; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 128
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: modified human PTH

US-09-843-221A-128

Query Match 26.8%; Score 26; DB 4; Length 34;
Best Local Similarity 60.0%; Pred. No. 1.1e+03;
Matches 6; Conservative 2; Mismatches 0; Indels 2; Gaps 1;

Qy 4 HLNS--KIAF 11
Db 14 HLNSMERVAF 23

RESULT 203

US-08-995-369-7

; Sequence 7, Application US/08995369

; Patent No. 6238916

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: DNA ENCODING TURKEY HYPOTHALAMIC VASOACTIVE

; NUMBER OF SEQUENCES: 11

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA: US/08/995,369

; APPLICATION NUMBER: US/08/995,369

; FILING DATE: 22-DEC-1997

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/437,612

; FILING DATE: 09-MAY-1995

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 35 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

US-08-995-369-7

Query Match 26.8%; Score 26; DB 3; Length 35;
Best Local Similarity 50.0%; Pred. No. 1.1e+03;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFK 12
Db 15 SHLLAKLAVK 24

RESULT 204

PCT-US95-10075-7

; Sequence 7, Application PC/TUS9510075

; GENERAL INFORMATION:

; APPLICANT: REGENTS OF THE UNIVERSITY OF MINNESOTA

; APPLICANT: MOHAMED E. EL HALAWANI

; TITLE OF INVENTION: DNA ENCODING TURKEY HYPOTHALAMIC VASOACTIVE

; TITLE OF INVENTION: INTESTINAL PEPTIDE

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; STREET: 3500 IDS CENTER

; CITY: MINNEAPOLIS

; STATE: MINNESOTA

; COUNTRY: USA

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible


```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10075
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Daniel J. Kluth
; REGISTRATION NUMBER: 32,146
; REFERENCE/DOCKET NUMBER: 600.321W01
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; PCT-US95-10075-7

Query Match      26.8%; Score 26; DB 5; Length 35;
Best Local Similarity 50.0%; Pred. No. 1.1e+03;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      3 NHLNKSIAFK 12
Db      15 SHLLAKLAVK 24

RESULT 205
US-08-651-136C-28
; Sequence 28, Application US/08651136C
; Patent No. 6001639
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
; APPLICANT: Andersen, Lene N.
; APPLICANT: Lassen, Soren F.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Lange, Lene
; APPLICANT: Nielsen, Ruby I.
; APPLICANT: Ihara, Michiko
; APPLICANT: Takagi, Shinobu
; TITLE OF INVENTION: No. 6001639e1 Endogluconases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651.136C
; FILING DATE: 21-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4366.200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-651-136C-28
```

```

Query Match      26.8%; Score 26; DB 3; Length 36;
Best Local Similarity 55.6%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      10 AFKIVSQEP 18
Db      10 AYMCASQEP 18

RESULT 206
US-09-227-357-550
; Sequence 550, Application US/09227357
; Patent No. 6342581
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P1
; CURRENT APPLICATION NUMBER: US/09/227,357
; CURRENT FILING DATE: 1999-01-08
; EARLIER APPLICATION NUMBER: PCT/US98/13684
; EARLIER FILING DATE: 1998-07-07
; EARLIER APPLICATION NUMBER: 60/051,926
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,793
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,925
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,929
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,803
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,732
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,931
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,932
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,916
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,930
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,918
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,920
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,733
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,795
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,919
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,928
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/055,722
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,723
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,948
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,949
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,953
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,950
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,947
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,964
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/056,360
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,684
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; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,984
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,954
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/058,785
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,664
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,660
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,661
; EARLIER FILING DATE: 1997-09-12
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 550
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-227-357-550

Query Match      26.8%; Score 26; DB 3; Length 36;
Best Local Similarity 60.0%; Pred. No. 1.2e+03;
Matches 6; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      10 AFKIVSQEPA 19
Db      13 AGKILSSSPA 22

RESULT 207
US-09-229-911A-28
; Sequence 28, Application US/09229911A
; Patent No. 6387690
; GENERAL INFORMATION:
; APPLICANT: Schuelein, Martin
; Andersen, Lene N.
; Lassen, Soren F.
; Kauppinen, Markus S.
; Lange, Lene
; Nielsen, Ruby I.
; Ihara, Michiko
; Takagi, Shinobu
; TITLE OF INVENTION: No. 6387690e1 Endoglucanases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6387690o No. 6387690disk of No. 6387690th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/229,911A
; FILING DATE: 13-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/651,136
; FILING DATE: 21-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4366.200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
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```
; LENGTH: 36 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-229-911A-28

Query Match      26.8%; Score 26; DB 3; Length 36;
Best Local Similarity 55.6%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      10 AFKIVSQEP 18
Db      10 AYMCASQEP 18

RESULT 208
US-09-230-548-31
; Sequence 31, Application US/09230548
; Patent No. 6326466
; GENERAL INFORMATION:
; APPLICANT: Bottaro, Donald P.
; APPLICANT: Petryshyn, Raymond
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary,
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Double-Stranded RNA Dependent Protein Kinase Derived
; TITLE OF INVENTION: Peptides to Promote Proliferation of Cells and Tissues
; TITLE OF INVENTION: in a Controlled Manner
; FILE REFERENCE: 015280-286200US
; CURRENT APPLICATION NUMBER: US/09/230,548
; CURRENT FILING DATE: 1999-07-23
; EARLIER APPLICATION NUMBER: US 60/023,307
; EARLIER FILING DATE: 1996-07-30
; EARLIER APPLICATION NUMBER: WO PCT/US97/14350
; EARLIER FILING DATE: 1997-07-29
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:double-stranded
; OTHER INFORMATION: RNA dependent protein kinase (PKR) peptide
; OTHER INFORMATION: antagonist, cell-permeable PKR peptide antagonist
US-09-230-548-31

Query Match      26.8%; Score 26; DB 3; Length 37;
Best Local Similarity 29.4%; Pred. No. 1.2e+03;
Matches 5; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY      1 EPNHLNSKIAPKIVSQE 17
Db      19 EAKNAAKLAIVEILNKE 35

RESULT 209
US-08-176-500-79
; Sequence 79, Application US/08176500
; Patent No. 5498538
; GENERAL INFORMATION:
; APPLICANT: Kay, B. K.
; APPLICANT: Fowlkes, D. M.
; TITLE OF INVENTION: Totally Synthetic Affinity Reagents
; NUMBER OF SEQUENCES: 141
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pernie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
```

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/176.500
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/013.416
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 1101-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-176-500-79

Query Match 26.8%; Score 26; DB 1; Length 38;
Best Local Similarity 42.9%; Pred. No. 1.3e+03;
Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQ 16
Db 23 NWLNPHLAHKMGQ 36

RESULT 210
US-08-471-052A-79
; Sequence 79, Application US/08471052A
; Patent No. 5625033
; GENERAL INFORMATION:
; APPLICANT: Kay, B. K.
; APPLICANT: Fowlkes, D. M.
; TITLE OF INVENTION: Totally Synthetic Affinity Reagents
; NUMBER OF SEQUENCES: 166
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471.052A
; FILING DATE: 06-JUNE-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 1101-179
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
```

```
;
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-471-052A-79

Query Match 26.8%; Score 26; DB 1; Length 38;
Best Local Similarity 42.9%; Pred. No. 1.3e+03;
Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQ 16
Db 23 NWLNPHLAHKMGQ 36

RESULT 211
US-08-189-331-79
; Sequence 79, Application US/08189331
; Patent No. 5747334
; GENERAL INFORMATION:
; APPLICANT: Kay, B. K.
; APPLICANT: Fowlkes, D. M.
; TITLE OF INVENTION: Totally Synthetic Affinity Reagents
; NUMBER OF SEQUENCES: 186
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/189.331
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 1101-155
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-189-331-79

Query Match 26.8%; Score 26; DB 1; Length 38;
Best Local Similarity 42.9%; Pred. No. 1.3e+03;
Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQ 16
Db 23 NWLNPHLAHKMGQ 36

RESULT 212
US-08-471-939-79
; Sequence 79, Application US/08471939
; Patent No. 5844076
; GENERAL INFORMATION:
; APPLICANT: Kay, B. K.
```

APPLICANT: Fowlkes, D. M.
TITLE OF INVENTION: Totally Synthetic Affinity Reagents
NUMBER OF SEQUENCES: 141
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,939
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/013,416
FILING DATE: 01-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-143
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-471-939-79

Query Match 26.8%; Score 26; DB 2; Length 38;
Best Local Similarity 42.9%; Pred. No. 1.3e+03;
Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 3 NHLNPKIAFKIVSQ 16
DB 23 NWLNPHLAHKMGQ 36

RESULT 213
US-08-471-800-79
Sequence 79, Application US/08471800
Patent No. 5952167
GENERAL INFORMATION:
APPLICANT: Kay, B. K.
TITLE OF INVENTION: Totally Synthetic Affinity Reagents
NUMBER OF SEQUENCES: 141
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,800
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/013,416
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-143
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-471-800-79

Query Match 26.8%; Score 26; DB 2; Length 38;
Best Local Similarity 42.9%; Pred. No. 1.3e+03;
Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 3 NHLNPKIAFKIVSQ 16
DB 23 NWLNPHLAHKMGQ 36

RESULT 214
US-08-471-068-79
Sequence 79, Application US/08471068
Patent No. 5948635
GENERAL INFORMATION:
APPLICANT: Kay, B. K.
TITLE OF INVENTION: Totally Synthetic Affinity Reagents
NUMBER OF SEQUENCES: 186
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,068
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/189,331
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-155
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-471-068-79

Query Match 26.8%; Score 26; DB 2; Length 38;
 Best Local Similarity 42.9%; Pred. No. 1.3e+03;
 Matches 6; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 3 NHLNSKIAFKIVSQ 16
 ||| :|||
 Db 23 NWLNPHLAHKMGQ 36

RESULT 215

US-09-270-767-61935
 ; Sequence 61935, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 61935
 ; LENGTH: 39
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster
 ; FEATURE:
 ; OTHER INFORMATION: Xaa means any amino acid
 ; US-09-270-767-61935

Query Match 26.8%; Score 26; DB 4; Length 39;
 Best Local Similarity 50.0%; Pred. No. 1.3e+03;
 Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PNHLNSKI 9
 :|||:
 Db 26 PSYLSKSL 33

RESULT 216

US-08-447-925-2
 ; Sequence 2, Application US/08447925
 ; Patent No. 5609876
 ; GENERAL INFORMATION:
 ; APPLICANT: Montelaro, Ronald C.
 ; APPLICANT: Fontenot, J. Darrell
 ; TITLE OF INVENTION: Peptide Vaccines And Associated
 ; TITLE OF INVENTION: Methods For Protection Against
 ; TITLE OF INVENTION: Feline Leukemia Virus
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lewis F. Gould, Jr.
 ; STREET: 1700 Market St. Suite 3232
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: US
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/447,925
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/287,474
 ; FILING DATE:
 ; APPLICATION NUMBER: US/08/104,527
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lewis F. Gould, Jr.

; REGISTRATION NUMBER: 25,057
 ; REFERENCE/DOCKET NUMBER: 116640
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 575-6000
 ; TELEFAX: (215) 575-6015
 ; TELEX: 845226
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 42 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FRAGMENT TYPE: internal
 ; ORIGINAL SOURCE:
 ; ORGANISM: Feline leukemia virus
 ; STRAIN: 61E
 ; US-08-447-925-2

Query Match 26.8%; Score 26; DB 1; Length 42;
 Best Local Similarity 27.8%; Pred. No. 1.4e+03;
 Matches 5; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

Qy 1 EPNHLNSKIAFKIVSQEP 18
 :|||:
 Db 16 KPFSRQSGTKSVATQRP 33

RESULT 217

US-08-099-354-8
 ; Sequence 8, Application US/08099354
 ; Patent No. 5744144
 ; GENERAL INFORMATION:
 ; APPLICANT: FINN, OLIVERA J.
 ; APPLICANT: FONTENOT, J. D.
 ; APPLICANT: MONTELARO, RONALD C.
 ; TITLE OF INVENTION: SYNTHETIC MULTIPLE TAMDEM REPEAT MUCIN
 ; TITLE OF INVENTION: AND MUCIN-LIKE PEPTIDES, AND USES THEREOF
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
 ; STREET: 1100 NEW YORK AVENUE, N.W.
 ; CITY: WASHINGTON
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20005
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/099,354
 ; FILING DATE: 30-JUL-1993
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: SIRILLA, GEORGE M.
 ; REGISTRATION NUMBER: 18221
 ; REFERENCE/DOCKET NUMBER: 6137/202246
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-861-3536
 ; TELEFAX: 202-822-0944
 ; TELEX: 6714627 CUSH
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 42 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-099-354-8


```
; Sequence 43, Application US/09100600A
; Patent No. 6107021
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: SYNTHETIC PEPTIDE VACCINES FOR
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10154-0054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,600A
; FILING DATE: 20-Jun-1998
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maria C.H. Lin
; REGISTRATION NUMBER: 29,323
; REFERENCE/DOCKET NUMBER: 1151-4156
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-100-600A-43

Query Match 26.8%; Score 26; DB 3; Length 46;
Best Local Similarity 45.5%; Pred. No. 1.6e+03;
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEPA 19
Db 26 LAARVVKQLPA 36

RESULT 223
US-09-100-600A-44
; Sequence 44, Application US/09100600A
; Patent No. 6107021
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: SYNTHETIC PEPTIDE VACCINES FOR
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10154-0054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,600A
; FILING DATE: 20-Jun-1998
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maria C.H. Lin
; REGISTRATION NUMBER: 29,323
; REFERENCE/DOCKET NUMBER: 1151-4156
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-100-600A-44

Query Match 26.8%; Score 26; DB 3; Length 46;
Best Local Similarity 45.5%; Pred. No. 1.6e+03;
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEPA 19
Db 26 LAARVVKQLPA 36

RESULT 224
US-09-100-600A-48
; Sequence 48, Application US/09100600A
; Patent No. 6107021
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: SYNTHETIC PEPTIDE VACCINES FOR
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10154-0054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,600A
; FILING DATE: 20-Jun-1998
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maria C.H. Lin
; REGISTRATION NUMBER: 29,323
; REFERENCE/DOCKET NUMBER: 1151-4156
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-100-600A-48

Query Match 26.8%; Score 26; DB 3; Length 46;
Best Local Similarity 45.5%; Pred. No. 1.6e+03;
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEPA 19
Db 26 LAARVVKQLPA 36
```

```
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maria C.H. Lin
; REGISTRATION NUMBER: 29,323
; REFERENCE/DOCKET NUMBER: 1151-4156
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-100-600A-44

Query Match 26.8%; Score 26; DB 3; Length 46;
Best Local Similarity 45.5%; Pred. No. 1.6e+03;
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEPA 19
Db 26 LAARVVKQLPA 36

RESULT 224
US-09-100-600A-48
; Sequence 48, Application US/09100600A
; Patent No. 6107021
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: SYNTHETIC PEPTIDE VACCINES FOR
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10154-0054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,600A
; FILING DATE: 20-Jun-1998
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maria C.H. Lin
; REGISTRATION NUMBER: 29,323
; REFERENCE/DOCKET NUMBER: 1151-4156
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-100-600A-48

Query Match 26.8%; Score 26; DB 3; Length 46;
Best Local Similarity 45.5%; Pred. No. 1.6e+03;
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEPA 19
Db 26 LAARVVKQLPA 36
```

RESULT 226
US-09-040-738-4
; Sequence 4, Application US/09040738
; Patent No. 6207374
; GENERAL INFORMATION:
; APPLICANT: Sampson et al.
; TITLE OF INVENTION: Tuberos Sclerosis 2 Gene and Uses
; DATE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff,
; ADDRESSEE: Ltd.
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/040,738
; FILING DATE: Concurrently herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9326470.3

APPLICANT: Sampson et al.
 TITLE OF INVENTION: Tuberosus Sclerosis 2 Gene and Uses
 DATE OF INVENTION: Thereof
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Kathleen M. Williams, Banner & Witcoff,
 ADDRESSEE: Ltd.
 STREET: One Financial Center
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 6.1a
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/652,426A
 FILING DATE: 01-October-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB9326470.3
 FILING DATE: 12/24/93
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB9411900.5
 FILING DATE: 06/14/94
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB94/02823
 FILING DATE: 12/23/94
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Kathleen M.
 REGISTRATION NUMBER: 34.380

REFERENCE/DOCKET NUMBER: 96,738
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-345-9100
 TELEFAX: 617-345-9111
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-652-426A-4

Query Match 26.3%; Score 25.5; DB 3; Length 39;
 Best Local Similarity 46.7%; Pred. No. 1.6e+03;
 Matches 7; Conservative 2; Mismatches 5; Indels 1; Gaps 1;

Qy 4 HLNKIAFKIVSQEP 18
 | : | | | | |
 Db 25 HIGNDIV-TIVFQEP 38

RESULT 228

US-07-956-700B-12
 Sequence 12, Application US/07956700B
 Patent No. 5539092
 GENERAL INFORMATION:

APPLICANT: Robert Haselkorn and Piotr Gornicki
 TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
 TITLE OF INVENTION: Carboxylase
 NUMBER OF SEQUENCES: 116
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee
 STREET: 321 No. 5539092th Clark Street
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60610

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/956,700B
 FILING DATE: 19921002
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Thomas E. No. 5539092thrup
 REGISTRATION NUMBER: 33,268
 REFERENCE/DOCKET NUMBER: ARCD:058
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 1-312-744-0090
 TELEFAX: 1-312-755-4489
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 amino acids
 TYPE: Amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 US-07-956-700B-12

Query Match 25.8%; Score 25; DB 1; Length 20;
 Best Local Similarity 50.0%; Pred. No. 8.9e+02;
 Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEP 18
 | : | | | | |
 Db 6 IAAKITSENP 15

RESULT 229

US-07-956-700B-26
 Sequence 26, Application US/07956700B
 Patent No. 5539092
 GENERAL INFORMATION:
 APPLICANT: Robert Haselkorn and Piotr Gornicki
 TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
 TITLE OF INVENTION: Carboxylase
 NUMBER OF SEQUENCES: 116
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Arnold, White & Durkee
 STREET: 321 No. 5539092th Clark Street
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60610

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/956,700B
 FILING DATE: 19921002
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Thomas E. No. 5539092thrup
 REGISTRATION NUMBER: 33,268
 REFERENCE/DOCKET NUMBER: ARCD:058
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 1-312-744-0090
 TELEFAX: 1-312-755-4489

INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 amino acids
 TYPE: Amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 US-07-956-700B-26

Query Match 25.8%; Score 25; DB 1; Length 20;
 Best Local Similarity 50.0%; Pred. No. 8.9e+02;
 Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 9 IAFKIVSQEP 18
 | : | | | | |
 Db 6 IAAKITSENP 15

RESULT 230

US-08-218-025A-71
 Sequence 71, Application US/08218025A
 Patent No. 5556744
 GENERAL INFORMATION:

APPLICANT: Weiner, David B.
 APPLICANT: Ugen, Kenneth E.
 APPLICANT: Williams, William V.
 TITLE OF INVENTION: Methods and Compositions for Diagnosing
 TITLE OF INVENTION: and Treating Certain HIV Infected Patients
 NUMBER OF SEQUENCES: 197
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Howson and Howson
 STREET: P.O. Box 457, 321 No. 5556744ristown Road
 CITY: Spring House
 STATE: Pennsylvania
 COUNTRY: U.S.A.
 ZIP: 19477

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/218,025A
; FILING DATE: 24-MAR-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/891,451
; FILING DATE: 29-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST33A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 540-9206
; TELEFAX: (215) 540-5918
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-218-025A-71

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 4; Conservative 3; Mismatches 1; Indels 0;

QY 11 FKIVSQEP 18
Db 8 YKVVITIEP 15

RESULT 231
US-08-306-116A-28
; Sequence 28, Application US/08306116A
; Patent No. 5691135
; GENERAL INFORMATION:
; APPLICANT: Braun, Jonathan
; TITLE OF INVENTION: IMMUNOGLOBULIN SUPERANTIGEN BINDING TO GP120
; TITLE OF INVENTION: FROM HIV
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/306,116A
; FILING DATE: 14-SEP-1994
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/259,669
; FILING DATE: 14-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: UCLA004.001CP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-306-116A-28

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 4; Conservative 3; Mismatches 1; Indels 0;

QY 11 FKIVSQEP 18
Db 8 YKVVITIEP 15

RESULT 232
US-08-476-537-12
; Sequence 12, Application US/08476537
; Patent No. 5756290
; GENERAL INFORMATION:
; APPLICANT: Robert Haselkorn and Piotr Gornicki
; TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
; TITLE OF INVENTION: Carboxylase
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: 321 No. 5756290th Clark Street
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60610

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,537
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/956,700
; FILING DATE: 10/21/92
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. No. 5756290thrup
; REGISTRATION NUMBER: 33,268
; REFERENCE/DOCKET NUMBER: ARCD:058
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-312-744-0090
; TELEFAX: 1-312-755-4489
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: Amino acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Peptide
US-08-476-537-12

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0;

QY 9 IAFKIVSQEP 18
Db 6 IAAKITSENP 15

RESULT 233
US-08-476-537-26
; Sequence 26, Application US/08476537
; Patent No. 5756290

GENERAL INFORMATION:
APPLICANT: Robert Haselkorn and Piotr Gornicki
TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: 321 No. 5792627th Clark Street
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,537
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/956,700
FILING DATE: 10/21/92
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. No. 5756290thrup
REGISTRATION NUMBER: 33,268
REFERENCE/DOCKET NUMBER: ARCD:058
TELECOMMUNICATION INFORMATION:
TELEPHONE: 1-312-744-0090
TELEFAX: 1-312-755-4489
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
US-08-476-537-26

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
|||:|:|:
Db 6 IAAKITSENP 15

RESULT 234
US-08-485-607-12
Sequence 12, Application US/08485607
Patent No. 5792627
GENERAL INFORMATION:
APPLICANT: Robert Haselkorn and Piotr Gornicki
TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: 321 No. 5792627th Clark Street
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,607
FILING DATE: 07-JUN-1995

CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/956,700
FILING DATE: 10/21/92
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. No. 5792627thrup
REGISTRATION NUMBER: 33,268
REFERENCE/DOCKET NUMBER: ARCD:058
TELECOMMUNICATION INFORMATION:
TELEPHONE: 1-312-744-0090
TELEFAX: 1-312-755-4489
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
US-08-485-607-12

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
|||:|:|:
Db 6 IAAKITSENP 15

RESULT 235
US-08-485-607-26
Sequence 26, Application US/08485607
Patent No. 5792627
GENERAL INFORMATION:
APPLICANT: Robert Haselkorn and Piotr Gornicki
TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: 321 No. 5792627th Clark Street
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,607
FILING DATE: 07-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/956,700
FILING DATE: 10/21/92
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. No. 5792627thrup
REGISTRATION NUMBER: 33,268
REFERENCE/DOCKET NUMBER: ARCD:058
TELECOMMUNICATION INFORMATION:
TELEPHONE: 1-312-744-0090
TELEFAX: 1-312-755-4489
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
US-08-485-607-26

Query Match 25.8%; Score 25; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. NO. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
||:|:|:
Db 6 IAAITSEN 15

RESULT 236

US-08-238-821B-48
; Sequence 48, Application US/08238821B
; Patent No. 5912120

GENERAL INFORMATION:

; APPLICANT: GOLDSTEIN, Joyce A.
; APPLICANT: ROMKES-SPARKS, Marjorie
; APPLICANT: DE MORAIS, Sonia M.F.
; TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
; TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT OF S-
; TITLE OF INVENTION: MEPHENYTOIN METABOLISM
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS: 61
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/238,821B
; FILING DATE: 06-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/201,118
; FILING DATE: 22-FEB-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/864,962

; FILING DATE: 09-APR-1992

ATTORNEY/AGENT INFORMATION:

; NAME: Liebeschuetz, Joe

; REGISTRATION NUMBER: 37,505

; REFERENCE/DOCKET NUMBER: 15280-192110US

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (650) 326-2400

; TELEFAX: (650) 326-2422

; INFORMATION FOR SEQ ID NO: 48:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-238-821B-48

Query Match 25.8%; Score 25; DB 2; Length 20;
Best Local Similarity 31.2%; Pred. NO. 8.9e+02;
Matches 5; Conservative 6; Mismatches 3; Indels 2; Gaps 1;

QY 1 EP--NHLNSKIAFKIV 14
||:|:|:|:
Db 1 EPITNKLKLLWKVI 16

RESULT 237

US-08-475-879-12
; Sequence 12, Application US/08475879
; Patent No. 5972644

; Patent No. 5972644 5786170

; GENERAL INFORMATION:
; APPLICANT: Robert Haselkorn and Piotr Gornicki
; TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: 321 No. 5972644 5786170th Clark Street
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60610

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/475,879
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/956,700
; FILING DATE: 10/21/92
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas B. No. 5972644 5786170thrup
; REGISTRATION NUMBER: 33,268
; REFERENCE/DOCKET NUMBER: ARCD:058
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-312-744-0090
; TELEFAX: 1-312-755-4489

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 amino acids

; TYPE: Amino acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; MOLECULE TYPE: Peptide

US-08-475-879-12

Query Match

25.8%; Score 25; DB 2; Length 20;

Best Local Similarity 50.0%; Pred. NO. 8.9e+02;

Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18

||:|:|:|:

Db 6 IAAITSEN 15

RESULT 238

US-08-475-879-26

; Sequence 26, Application US/08475879

; Patent No. 5972644

; Patent No. 5972644 5786170

GENERAL INFORMATION:

; APPLICANT: Robert Haselkorn and Piotr Gornicki

; TITLE OF INVENTION: Cyanobacterial and Plant Acetyl-CoA

; NUMBER OF SEQUENCES: 116

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: 321 No. 5972644 5786170th Clark Street

; CITY: Chicago

; STATE: Illinois

; COUNTRY: USA

; ZIP: 60610

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy Disk

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: ASCII-DOS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/475,879

```
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 07/956,700
; FILING DATE: 10/21/92
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. No. 5972644 5786170thrup
; REGISTRATION NUMBER: 33,268
; REFERENCE/DOCKET NUMBER: ARCD:058
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-312-744-0090
; TELEFAX: 1-312-755-4489
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: Amino acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Peptide
US-08-475-879-26

Query Match 25.8%; Score 25; DB 2; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
|||:|:|
Db 6 IAAKITSENP 15

RESULT 239
US-09-433-043B-12
; Sequence 12, Application US/09433043B
; Patent No. 6399342
; GENERAL INFORMATION:
; APPLICANT: HASELKORN, ROBERT
; APPLICANT: GORNICKI, PIOTR
; TITLE OF INVENTION: CYANOBACTERIAL AND PLANT ACETYL-CoA CARBOXYLASE
; FILE REFERENCE: ARCD:338US
; CURRENT APPLICATION NUMBER: US/09/433,043B
; CURRENT FILING DATE: 1999-10-25
; PRIOR APPLICATION NUMBER: 08/475,879
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 07/956,700
; PRIOR FILING DATE: 1992-10-02
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-433-043B-12

Query Match 25.8%; Score 25; DB 3; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
|||:|:|
Db 6 IAAKITSENP 15

RESULT 240
US-09-433-043B-26
; Sequence 26, Application US/09433043B
; Patent No. 6399342
; GENERAL INFORMATION:
; APPLICANT: HASELKORN, ROBERT
; APPLICANT: GORNICKI, PIOTR
; TITLE OF INVENTION: CYANOBACTERIAL AND PLANT ACETYL-CoA CARBOXYLASE
; FILE REFERENCE: ARCD:338US
; CURRENT APPLICATION NUMBER: US/09/433,043B
; CURRENT FILING DATE: 1999-10-25
; PRIOR APPLICATION NUMBER: 08/475,879
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 07/956,700
; PRIOR FILING DATE: 1992-10-02
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-433-043B-12

Query Match 25.8%; Score 25; DB 3; Length 20;
Best Local Similarity 50.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 9 IAFKIVSQEP 18
|||:|:|
Db 6 IAAKITSENP 15

RESULT 241
US-09-439-779B-9
; Sequence 9, Application US/09439779B
; Patent No. 6617307
; GENERAL INFORMATION:
; APPLICANT: Kyocera Corporation
; APPLICANT: Nishimura, Yoshihiko
; APPLICANT: Suzuki, Yoshihisa
; APPLICANT: Tanihara, Masao
; TITLE OF INVENTION: A Peptide and Osteogenetic Accelerator
; FILE REFERENCE: 81918-0001
; CURRENT APPLICATION NUMBER: US/09/439,779B
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized peptide
US-09-439-779B-9

Query Match 25.8%; Score 25; DB 4; Length 20;
Best Local Similarity 71.4%; Pred. No. 8.9e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3 NHLNSKI 9
|:|:|
Db 1 NSVNSKI 7

RESULT 242
US-09-834-759-537
; Sequence 537, Application US/09834759
; Patent No. 6680197
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillion, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
US-09-834-759-537
```

; FILE REFERENCE: 210121.470C9
; CURRENT APPLICATION NUMBER: US/09/834,759
; CURRENT FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-834-759-537

Query Match 25.8%; Score 25; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 SQEPA 19
DB 2 SQEPA 6

RESULT 243

US-09-834-759-547
; Sequence 547, Application US/09834759
; Patent No. 6680197
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C9
; CURRENT APPLICATION NUMBER: US/09/834,759
; CURRENT FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 547
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-834-759-547

Query Match 25.8%; Score 25; DB 4; Length 20;
Best Local Similarity 57.1%; Pred. No. 8.9e+02;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 3 NHLNSKI 9
DB 10 NHLKNRI 16

RESULT 244

PCT-US95-05744-48
; Sequence 48, Application PC/TUS9505744
; GENERAL INFORMATION:
; APPLICANT: GOLDSTEIN, Joyce A.
; APPLICANT: ROMKES-SPARKS, Marjorie
; APPLICANT: DE MORAIS, Sonia M.F.
; TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
; TITLE OF INVENTION: CYTOCHROME P450 2C19; THE PRINCIPAL DETERMINANT
; TITLE OF INVENTION: OF S-MEPHNYTOIN METABOLISM
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05744
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,821
; FILING DATE: 06-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/201,118
; FILING DATE: 22-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/864,962
; FILING DATE: 09-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29,684
; REFERENCE/DOCKET NUMBER: 15280-192-1-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-05744-48

Query Match 25.8%; Score 25; DB 5; Length 20;
Best Local Similarity 31.2%; Pred. No. 8.9e+02;
Matches 5; Conservative 6; Mismatches 3; Indels 2; Gaps 1;

QY 1 EP--NHLNSKIAFKIV 14
DB 1 EPITNYLKTLLIWKVI 16

RESULT 245

US-08-934-915-166
; Sequence 166, Application US/08934915
; Patent No. 5932412
; GENERAL INFORMATION:
; APPLICANT: DILLNER, JOAKIM
; APPLICANT: DILLNER, LENA
; APPLICANT: CHENG, HWEE-MING
; TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
; TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8
; TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
; TITLE OF INVENTION: USEFUL IN IMMUNOSSAY FOR
; TITLE OF INVENTION: DIAGNOSTIC PURPOSES
; NUMBER OF SEQUENCES: 193
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MASON & ASSOCIATES, P.A.
; STREET: 17757 U.S. HWY. 19 NORTH, SUITE 500
; CITY: CLEARWATER
; STATE: FLORIDA
; COUNTRY: U.S.A.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 3.0
; SOFTWARE: Microsoft Word 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,915
; FILING DATE: 22-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/949,836
; FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. Foutch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
TELEFAX: 813-538-3820
TELEX:
INFORMATION FOR SEQ ID NO: 166:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-934-915-166

Query Match 25.8%; Score 25; DB 2; Length 21;
Best Local Similarity 62.5%; Pred. No. 9.5e+02;
Matches 5; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4 HLNKQRP 11
Db 4 HLNKQRP 11

RESULT 246
US-09-399-494-19
Sequence 19, Application US/09399494
Patent No. 6228363
GENERAL INFORMATION:
APPLICANT: Naparstek, Yaakov
TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF SYSTEMIC LUPUS
FILE REFERENCE: 56040-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/399,494
CURRENT FILING DATE: 1999-09-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 21
TYPE: PPT
ORGANISM: mouse
US-09-399-494-19

Query Match 25.8%; Score 25; DB 3; Length 21;
Best Local Similarity 41.7%; Pred. No. 9.5e+02;
Matches 5; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQ 16
Db 10 LNTLAFRTTSK 21

RESULT 247
US-09-399-494-21
Sequence 21, Application US/09399494
Patent No. 6228363
GENERAL INFORMATION:
APPLICANT: Naparstek, Yaakov
TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF SYSTEMIC LUPUS
FILE REFERENCE: 56040-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/399,494
CURRENT FILING DATE: 1999-09-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 21
TYPE: PPT
ORGANISM: mouse
US-09-399-494-21

Query Match 25.8%; Score 25; DB 3; Length 21;

Best Local Similarity 41.7%; Pred. No. 9.5e+02;
Matches 5; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 LNSKIAFKIVSQ 16
Db 10 LNTLAFRTTSK 21

RESULT 248
US-07-752-101A-5
Sequence 5, Application US/07752101A
Patent No. 5326857
GENERAL INFORMATION:
APPLICANT: Yamamoto, Fumi-ichiro
APPLICANT: White, Thayer
APPLICANT: Hakomori, Sen-itirch
APPLICANT: Clausen, Henrik
TITLE OF INVENTION: ABO GENOTYPING
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: U.S.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/07/752.101A
APPLICATION NUMBER: 07/752.101A
FILING DATE: 19910829
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 150036.406C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-622-4900
TELEFAX: 206-682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: Region
LOCATION: 21
OTHER INFORMATION: /label= unsure
OTHER INFORMATION: /note= "This amino acid is unknown."
US-07-752-101A-5

Query Match 25.8%; Score 25; DB 1; Length 22;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EPNHL 5
Db 4 EPDHL 8

RESULT 249
US-08-934-915-4
Sequence 4, Application US/08934915
Patent No. 5932412

GENERAL INFORMATION:
APPLICANT: DILLNER, JOKIM
APPLICANT: DILLNER, LENA
APPLICANT: CHENG, HWEI-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR
TITLE OF INVENTION: DIAGNOSTIC PURPOSES
NUMBER OF SEQUENCES: 193
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MASON & ASSOCIATES, P.A.
STREET: 17757 U.S. HWY. 19 NORTH, SUITE 500
CITY: CLEARWATER
STATE: FLORIDA
COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,915
FILING DATE: 22-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/949,836
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. Foutch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 1946.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 813-538-3800
TELEFAX: 813-538-3820
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-934-915-4

Query Match 25.8%; Score 25; DB 2; Length 22;
Best Local Similarity 42.9%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 5 LNSKIAFKIVSQEP 18
DB 1 LGSSLAACPEQAP 14

RESULT 250
US-09-466-384-7
Sequence 7, Application US/09466384
Patent No. 6699678
GENERAL INFORMATION:
APPLICANT: OHANA, BELLA
TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS SPECIFIC PEPTIDES AND THEIR USE
TITLE OF INVENTION: IN DIAGNOSTIC ASSAYS
FILE REFERENCE: LUZZATTO 3.3-067 CONT
CURRENT APPLICATION NUMBER: US/09/466,384
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: PCT/IL98/00276
PRIOR FILING DATE: 1998-06-15
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 22
TYPE: PRT
ORGANISM: Chlamydia trachomatis
US-09-466-384-7

Query Match 25.8%; Score 25; DB 4; Length 22;
Best Local Similarity 42.9%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 3; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 2 PNHLSK 8
DB 15 PNHMSDQ 21

Search completed: October 19, 2004, 19:14:54
Job time : 46 secs